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**DATE:** July 17, 2006  
**FILE NO:** APPM/005975.P1/CPI/COPPER/PJS  
**TO:** **MAIL STOP AMENDMENT**  
Examiner: Howard E. Abramowitz  
**FAX NO:** 571-273-8300  
**COMPANY:** USPTO  
**FROM:** Keith M. Tackett  
**PAGE(S) with cover:** 12  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO RESTRICTION REQUIREMENT DATED JUNE 20, 2006

**TITLE:** Ruthenium Layer Formation for Copper Film Deposition  
**U.S. SERIAL NO.:** 10/634,662  
**FILING DATE:** August 4, 2003  
**INVENTOR:** Mei Chang, et al.  
**EXAMINER:** Howard E. Abramowitz  
**GROUP ART UNIT:** 1762  
**CONFIRMATION NO.:** 6355

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PATENT  
Atty. Dkt. No. APPM/005975.P1/CPI/COPPER/PJS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Mei Chang, et al.

Serial No.: 10/634,662

Confirmation No.: 6355

Filed: August 4, 2003

**For: Ruthenium Layer Formation for Copper Film Deposition**

**Group Art Unit: 1762**

**Examiner: Howard E. Abramowitz**

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Dear Sir:

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I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 571-273-8300 to the attention of the named Examiner, on the date below.

7/17/06  
Date

Keith M. Tackett  
Keith M. Tackett

**RESPONSE TO RESTRICTION REQUIREMENT DATED JUNE 20, 2006**

In response to the Restriction Requirement dated June 20, 2006, having a shortened statutory period for response set to expire on July 20, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/APPM/005975.P1/KMT, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**The Pending Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks** begin on page 11 of this paper.